



sector

PATENT
Attorney Docket No. MIT-103

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Kawasaki et al.
SERIAL NO.: 09/422,999 GROUP NO.: 1643
FILING DATE: October 22, 1999 EXAMINER: Not yet assigned.
TITLE: Genes Integrating Signal Transduction Pathways

CERTIFICATE OF FIRST CLASS MAILING UNDER 37 C.F.R. 1.8

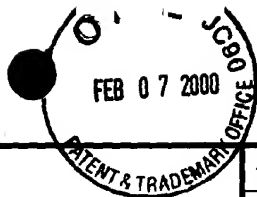
I hereby certify that this correspondence, and any document(s) referred to as enclosed herein, is/are being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to Box Missing Parts, Assistant Commissioner for Patents, Washington, DC 20231 on this 31st day of January, 2000.

Wendy Martin
Wendy Martin

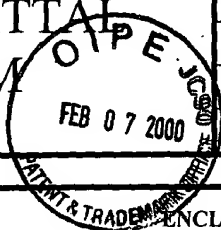
Box Missing Parts
Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Submitted herewith are Transmittal Form (1 page); Fee Transmittal (1 page); Copy of Notice to File Missing Parts (1 page); Response to Notice to File Missing Parts (1 page); Three Executed Declarations, Petitions and Powers of Attorney for Patent Application (9 total pages); Verified Statement Claiming Small Entity Status (2 pgs.); Check in the Amount of \$3,578.00; and a Return Receipt Postcard.



TRANSMITTAL FORM



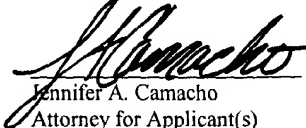
Application Serial Number	09/422,999
Filing Date	10/22/99
First Named Inventor	Kawasaki
Group Art Unit	1643
Examiner Name	Not yet assigned
Attorney Docket No.	MIT-103

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Check Attached <input type="checkbox"/> Copy of Fee Transmittal Form <input type="checkbox"/> Amendment/Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Letter to Official Draftsperson including Drawings [Total Sheets ____] <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Form PTO-1449 <input type="checkbox"/> Copies of IDS Citations <input type="checkbox"/> Certified Copy of Priority Document(s) <input checked="" type="checkbox"/> Response to Missing Parts/Incomplete Application	<input checked="" type="checkbox"/> Copy of Notice to File Missing Parts of Application (PTO-1553) <input type="checkbox"/> Formal Drawing(s) <input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney (Revocation of Prior Powers) <input type="checkbox"/> Terminal Disclaimer <input checked="" type="checkbox"/> Executed Declaration and Power of Attorney for Utility or Design Patent Application (3) <input checked="" type="checkbox"/> Small Entity Statement <input type="checkbox"/> Request for Refund <input type="checkbox"/> After Allowance Communication to Group	<input type="checkbox"/> Appeal Communication to Board of Patent Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Return Receipt Postcard <input checked="" type="checkbox"/> Certificate of First Class Mailing under 37 C.F.R. 1.8 <input type="checkbox"/> Additional Enclosure(s) (please identify below)

CORRESPONDENCE ADDRESS

Direct all correspondence to: Patent Administrator
Testa, Hurwitz & Thibault, LLP
High Street Tower
125 High Street
Boston, MA 02110
Tel. No.: (617) 248-7000
Fax No.: (617) 248-7100

SIGNATURE BLOCK

Respectfully submitted,

Jennifer A. Camacho
Attorney for Applicant(s)
Testa, Hurwitz & Thibault, LLP
High Street Tower
125 High Street
Boston, MA 02110

Date: 1/31/00
Reg. No. 43,526
Tel. No.: (617) 248-7476
Fax No.: (617) 248-7100

FEE TRANSMITTAL

Note: Effective October 1, 1997.
Patent fees are subject to annual revision.

FEB 07 2000

Complete if Known

Application Serial Number 09/422,999
Filing Date 10/22/99
First Named Inventor Hiroaki Kawasaki
Group Art Unit 1643
Examiner Name Not yet assigned
Attorney Docket No. MIT-103

METHOD OF PAYMENT

1. ☒ Payment Enclosed:
☒ Check ☐ Money Order ☐ Other
2. ☒ The Commissioner is hereby authorized to credit or charge any fee indicated below to Deposit Account No. 20-0531.
☐ Required Fees (copy of this sheet enclosed).
☒ Additional fee required under 37 CFR 1.16 and 1.17.
☐ Overpayment Credit.

FEE CALCULATION

1. FILING FEE

Large Entity

Fee (\$)	Fee Description	Fee Paid
760	Utility filing fee	760.00
310	Design filing fee	
150	Provisional filing fee	

	Number Filed	Number Extra	Rate	Amount
Total Claims	176	- 20 = 156	x \$ 18.00 =	2,808.00
Independent Claims	44	- 3 = 41	x \$ 78.00 =	3,198.00

☒ Multiple Dependent Claim(s), if any \$260.00 = 260.00

TOTAL: 7,026.00
SMALL ENTITY DISCOUNT: 3,513.00
SUBTOTAL (1) (\$) 3,513.00

2. AMENDMENT CLAIM FEES

Claims Remaining After Amend.	Highest No. Previously Paid For	Present Extra	Rate	Fee Paid
Total	-	=	x \$ 18.00 =	
Indep.	-	=	x \$ 78.00 =	
<input type="checkbox"/> First Presentation of Multiple Dep. Claim + \$260.00 =				
TOTAL: (\$)				
SMALL ENTITY DISCOUNT: (\$)				
SUBTOTAL (2) (\$0.00)				

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description	Fee Paid
130	65	Surcharge - late filing fee or oath	65.00
50	25	Surcharge - late provisional filing fee or	
130	130	Non-English specification	
2,520	2,520	For filing a request for reexamination	
110	55	Extension for reply within first month	
380	190	Extension for reply within second month	
870	435	Extension for reply within third month	
1,360	680	Extension for reply within fourth month	
1,850	925	Extension for reply within fifth month	
300	150	Notice of Appeal	
300	150	Filing a brief in support of an appeal	
260	130	Request for oral hearing	
130	130	Petitions to the Commissioner	
50	50	Petitions related to provisional applications	
240	240	Submission of Information Disclosure Statement (37 CFR 1.97(c))	
130	130	Submission of Information Disclosure Statement (37 CFR 1.97(d))	
760	380	Filing a submission after final rejection (37 CFR 1.129(a))	
760	380	For each additional invention to be examined (37 CFR 1.129(b))	
		Other (Specify)	

SUBTOTAL (3) (\$)

SUBTOTAL (1) 3,513.00
SUBTOTAL (2) 0.00
SUBTOTAL (3) 65.00

TOTAL (\$) 3,578.00

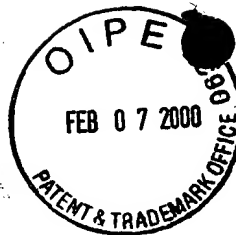
CORRESPONDENCE ADDRESS

Direct all correspondence to:
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High Street Tower
125 High Street
Boston, MA 02110
Tel. No.: (617) 248-7000
Fax No.: (617) 248-7100

SIGNATURE BLOCK

Date: 1/31/00
Reg. No. 43,526
Tel. No.: (617) 248-7476
Fax No.: (617) 248-7100

Respectfully submitted
Jennifer A. Camacho
Jennifer A. Camacho
Attorney for Applicant(s)
Testa, Hurwitz & Thibault, LLP
High Street Tower
125 High Street
Boston, MA 02110



PATENT
Attorney Docket No. MIT-103
(5473/111)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): Kawasaki et al.
SERIAL NO.: 09/422,999 GROUP NO.: 1643
FILING DATE: October 22, 1999 EXAMINER: Not yet assigned
TITLE: Genes Integrating Signal Transduction Pathways

RESPONSE TO NOTICE TO FILE MISSING PARTS

Assistant Commissioner for Patents
Washington, D.C. 20231
Attention: Box Missing Parts

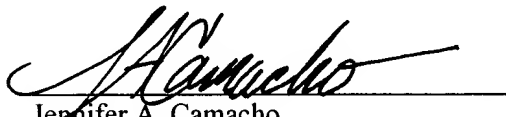
Sir:

In response to the Notice to File Missing Parts dated December 1, 1999, enclosed are three executed Declarations/Powers of Attorney for filing in the above-referenced application. Also enclosed is a Verified Statement Claiming Small Entity Status and a check in the amount of \$3,578.00 in payment of the basic filing and additional claims fee, and the surcharge for filing the Declaration.

Please charge Deposit Account No. 20-0531 for any additional fees that may be due in this matter.

Respectfully submitted,

Date: 1/31/00
Reg. No. 43,526


Jennifer A. Camacho
Attorney for Applicant
Testa, Hurwitz, & Thibault
High Street Tower
125 High Street
Boston, Massachusetts 02110

Tel. No. (617) 248-7476
Fax: (617) 248-7100

479JAC5473/111.933120-1



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office

Address: COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

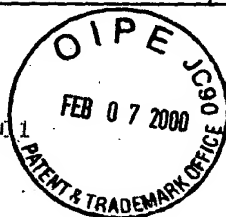
APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO./TITLE
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09/422,999 10/22/99 KAWASAKI

H MIT-103

021323
TESTA HURWITZ & THIBEAULT
HIGH STREET TOWER
125 HIGH STREET
BOSTON MA 02110

0242/1201



NOT ASSIGNED

1643

DATE MAILED:

12/01/99

NOTICE TO FILE MISSING PARTS OF APPLICATION
Filing Date Granted

An Application Number and Filing Date have been assigned to this application. The items indicated below, however, are missing. Applicant is given **TWO MONTHS FROM THE DATE OF THIS NOTICE** within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a). If any of items 1 or 3 through 5 are indicated as missing, the **SURCHARGE** set forth in 37 CFR 1.16(e) of ☐ \$65.00 for a small entity in compliance with 37 CFR 1.27, or ☒ \$130.00 for a non-small entity, must also be timely submitted in reply to this NOTICE to avoid abandonment.

If all required items on this form are filed within the period set above, the total amount owed by applicant as a

☐ small entity (statement filed) ☒ non-small entity is \$ 6396

☒ 1. The statutory basic filing fee is:

- ☒ missing.
☐ insufficient.

Applicant must submit \$_____ to complete the basic filing fee and/or file a small entity statement claiming such status (37 CFR 1.27).

☒ 2. The following additional claims fees are due:

\$ 2808 for 156 total claims over 20.

\$ 3198 for 41 independent claims over 3.

\$ 260 for multiple dependent claim surcharge.

Applicant must either submit the additional claim fees or cancel additional claims for which fees are due.

☒ 3. The oath or declaration:

- ☐ is missing or unsigned.
☐ does not cover the newly submitted items.

An oath or declaration in compliance with 37 CFR 1.63, including residence information and identifying the application by the above Application Number and Filing Date is required.

☐ 4. The signature(s) to the oath or declaration is/are by a person other than inventor or person qualified under 37 CFR 1.42, 1.43 or 1.47.

A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.

☐ 5. The signature of the following joint inventor(s) is missing from the oath or declaration:

An oath or declaration in compliance with 37 CFR 1.63 listing the names of all inventors and signed by the omitted inventor(s), identifying this application by the above Application Number and Filing Date, is required.

☐ 6. A \$50.00 processing fee is required since your check was returned without payment (37 CFR 1.21(m)).

☐ 7. Your filing receipt was mailed in error because your check was returned without payment.

☐ 8. The application was filed in a language other than English.

Applicant must file a verified English translation of the application, the \$130.00 set forth in 37 CFR 1.17(k), unless previously submitted, and a statement that the translation is accurate (37 CFR 1.52(d)).

☐ 9. OTHER:

Direct the reply and any questions about this notice to "Attention: Box Missing Parts."

A copy of this notice MUST be returned with the reply.

Customer Service Center
Initial Patent Examination Division (703) 308-1202

09/08/2000 CVDRACHA 00000022 09422999
380.00 DP
65.00 DP
1404.00 DP
1599.00 DP
130.00 DP
FC:201
FC:205
FC:203
FC:202
FC:204

U.S. GPO: 1999-45-8875